Ref #	Hits	Search Query	DBs	Default Operator	Rurals	Time Stamp
SI	157	hydrogel with (microsphere microcapsule micro adj sphere micro adj capsule microballon hollow adj sphere voided adj polymer adj particles)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/07 15:53
25	79	St and emulsi\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/07 16:22
83	2	("4272398").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/07 16:23
S4	2478	isopropylacrylamide	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/07 16:24
S5	2110	N-isopropylacrylamide	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/09 16:18
S 6	1054	S5 and emulsi\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/07 16:25
S7	91	S5 with hydrogel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/07 16:27
S8	0	S7 with (microsphere microcapsule)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/08 18:53
S9	10	S7 and(microsphere microcapsule)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/09 12:30

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S10	10	S7 and (microsphere microcapsule)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/09 16:18
Si 1	32	S5 with (advantag\$5 characteristic\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/07 16:39
S12	1	S5 with (poly adj ethylene adj glycol adj diacrylate or PEG-DA)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/07 16:36
S14	36	S5 with PEG	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/07 16:38
S15	43	PEG-DA	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/07 16:38
S18	124	(poly adj ethylene adj glycol) with (advantag\$5 characteristic\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/07 16:44
S19	25936	diacrylate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/07 16:44
220	216	diacrylate with advantage\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/07 16:47
S21	6857	ethylene adj glycol adj diacrylate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/07 16:53

523	33	S21 with (advantage\$5 benefit)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/08 18:52
S24	107	S5 and S21	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/07 16:54
526	62	S24 and emulsi\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/07 16:54
330	2	(*4822535*).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/08 11:56
S31	31	("4822535").URPN.	USPAT	OR	OFF	2005/09/08 11:56
S32	31	("4822535").URPN.	USPAT	OR	OFF	2005/09/08 12:53
533	15	{"3155590" "3205175" "3634394" "3657144" "3897414" "4061466" "4123403" "4389330" "4486471" "4540602" "4606940").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/09/08 12:55
\$34	15	S32 and (microcapsule microsphere)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/09/08 14:24
\$35	1	*4822535*.PN.	USPAT; USOCR	OR	OFF	2005/09/08 14:23
\$37	23455	aqueous adj emulsion	US-PGPUB; USPAT; USOCR	OR	OFF	2005/09/08 14:24
538	794	S37 and (microcapsule microsphere)	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/08 16:39
539	7	two near3 phase adj aqueous adj emulsion	US-PGPUB; USPAT; USOCR	OR	OFF	2005/09/08 16:11
S40	2114	N-isopropylacrylamide	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/08 16:11

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S41	6870	ethylene adj glycol adj diacrylate	US-PGPUB; USPAT;	OR	OFF	2005/09/08 16:11
			USOCR; EPO; JPO; DERWENT			
S44	86127	S40 sam eL25	US-PGPUB; USPAT; USOCR	OR	OFF	2005/09/08 16:12
S47	106	S40 and S41	US-PGPUB; USPAT; USOCR	OR	OFF	2005/09/08 16:16
S50	6870	ethylene adj glycol adj diacrylate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/08 18:51
S51	5008	S50 and (advantage\$5 benefit)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/08 18:51
S52	3	S50 near5 (advantage\$5 benefit)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/08 18:52
S53	4	S50 with (microsphere microcapsule)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/09/08 18:53
\$54	12636	poly adj ethylene adj glycol	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/09 12:29
\$55	2122	S54 and (microsphere microcapsule)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/09/09 12:32
S56	714	S54 with crosslink\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/09 12:30

957	177	S56 and (microsphere microcapsule)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/09/09 12:38
S58	2921	injectable adj (microsphere microcapsule)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/09/09 12:39
S62	2	(*6596296*).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/09 15:43
S63	10	(*4464321" "4965128" "5166187" "5263984" "5290271" "5342348" "5444113" "5567612"). PN. OR ("6596296"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/09/09 16:18
S65	9	("4464321" "4965128" "5166187" "5263984" "5270300" "5290271" "5342348" "5567612" "6596296").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/09/09 16:19
967	8	("4464321" "4965128" "5166187" "5263984" "5290271" "5342348" "5444113" "5567612"). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/09/09 16:19
S69	6	(("5596051") or ("6596296") or ("6130318")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/09 18:20
S70	152382	microcapsule microsphere microballon micro adj capsule micro adj sphere micro adj ballon core adj shell core adj shell adj particle nanocapsule nanospshere nano adj capsule nano adj sphere core-shell core-shell adj particle microencapsulat\$4 micro adj encapsulat\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/08 17:06
S71	9161	S70 same hydrogel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/08 17:06
S72	8740	(poly adj ethylene adj glycol polyethylene adj glycol polyethyleneglycol PEG) near3 (diacrylate di adj acrylate DA)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/08 17:07

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S73	5437	(N-isopropylacrylamide N adj isopropylacrylamide N adj isopropyl adj acrylamide NI PAA)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/11/08 17:08
S74	2	S71 same S72 same S73	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/11/08 17:08
S75	3	S70 same S72 same S73	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/11/08 17:08
S76	12	S70 and (S72 same S73)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/11/08 17:09
S77	726	(Chu-Chih\$ Zhang-Xian\$ Wu-Da\$).in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/08 17:11
S78	7702	((428/402-402.24) or (427/213.3-213.36) or (264/4-4.7)).CQLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/11/08 17:33
S79	296	hydrogel with (microsphere microcapsule micro adj sphere micro adj capsule microballon hollow adj sphere voided adj polymer adj partides)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/11/08 17:35
S80	159	S79 and emulsi\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/11/08 17:35
S81	2	(*4272398*).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/11/08 17:35

S82	4296	isopropylacrylamide	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/11/08 17:35
S83	3701	N-isopropylacrylamide	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/11/08 17:35
S84	1682	S83 and emulsi\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/11/08 17:35
S85	190	S83 with hydrogel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/11/08 17:35
S86	2	S85 with (microsphere microcapsule)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/11/08 17:35
S87	27	S85 and(microsphere microcapsule)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/11/08 17:35
S88	27	S85 and (microsphere microcapsule)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/11/08 17:35
S89	45	S83 with (advantag\$5 characteristic\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/11/08 17:35
S90	7	S83 with (poly adj ethylene adj glycol adj diacrylate or PEG-DA)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/11/08 17:35

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S91	6	S83 with PEG-DA	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/11/08 17:35
592	153	S83 with PEG	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/11/08 17:35
593	99	PEG-DA	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/11/08 17:35
594	1	PEG-DA with (advantag\$5 characteristic\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/11/08 17:35
S95	5	(poly adj ethylene adj glycol adj diacrylate or PEG-DA) with (advantag\$5 characteristic\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/11/08 17:35
S96	209	(poly adj ethylene adj glycol) with (advantag\$5 characteristic\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/11/08 17:35
S9 7	37461	diacrylate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/11/08 17:35
598	255	diacrylate with advantage\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/11/08 17:35
599	9329	ethylene adj glycol adj diacrylate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/11/08 17:35

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S10 0	45	S99 with (advantage\$5 benefit)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/11/08 17:35
S10 1	201	S83 and S99	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/11/08 17:35
S10 3	127	S101 and emulsi\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/11/08 17:35
S10 4	12	(*4921757" *4963367" *5639441" *5674521").PN. OR (*6395302").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/08 17:35
S10 6	2	(*0213303*).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/11/08 17:35
S10 7	2	("4822535").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/11/08 17:35
S10 8	39	(*4822535*).URPN.	USPAT	OR	OFF	2008/11/08 17:35
S10 9	39	(*4822535*).URPN.	USPAT	OR	OFF	2008/11/08 17:35
S11 0	15	("3155590" "3205175" "3634394" "3657144" "3897414" "4061466" "4123403" "4389330" "4486471" "4540602" "4606940").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/08 17:35
S11	21	S109 and (microcapsule microsphere)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/08 17:35
S11 2	1	*4822535*.PN.	USPAT; USOCR	OR	OFF	2008/11/08 17:35
S11 4	26379	aqueous adj emulsion	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/08 17:35
S11 5	1084	S114 and (microcapsule microsphere)	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/08 17:35

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S11 6	7	two near3 phase adj aqueous adj emulsion	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/08 17:35
S11 7	3701	N-isopropylacrylamide	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/11/08 17:35
S11 8	9329	ethylene adj glycol adj diacrylate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/11/08 17:35
S11 9	1	S117 near3 S118	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/08 17:35
S12 0	4	S117 with S118	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/08 17:35
S12 1	96847	S117 sam eL25	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/08 17:35
S12 2	14	S117 same S118	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/08 17:35
S12 3	2	S117 near5 S118	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/08 17:35
S12 4	190	S117 and S118	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/08 17:35
S12 5	1	S115 and S124	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/08 17:35
S12 6	15	S115 and S117	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/08 17:35
S12 7	9329	ethylene adj glycol adj diacrylate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/11/08 17:35
S12 8	7112	S127 and (advantage\$5 benefit)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/11/08 17:35
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S12 9	4	S127 near5 (advantage\$5 benefit)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/11/08 17:35
S13 0	6	S127 with (microsphere microcapsule)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/08 17:35
S13 1	22511	poly adj ethylene adj glycol	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/11/08 17:35
S13 2	4151	S131 and (microsphere microcapsule)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/08 17:35
S13 3	1266	S131 with crosslink\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/11/08 17:35
S13 4	290	S133 and (microsphere microcapsule)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/08 17:35
S13 5	4619	injectable adj (microsphere microcapsule)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/08 17:35
S13 6	0	injectable adj hydrgel adj (microsphere microcapsule)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/08 17:35
S13 7	6	injectable adj hydrogel adj (microsphere microcapsule)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/08 17:35

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EAST Search History

S13 8	4038	S135 and cytokine	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/08 17:35
S13 9	2	(*6596296*).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/11/08 17:35
S14 0	28	("4464321" "4965128" "5166187" "5263984" "5290271" "5342348" "5444113" "5567612"). FN. OR ("6596296"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/08 17:35
S14 2	9	("4464321" "4965128" "5166187" "5263984" "5270300" "5290271" "5342348" "5567612" "6596296").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/08 17:35
S14 4	8	("4464321" "4965128" "5166187" "5263984" "5290271" "5342348" "5444113" "5567612").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/08 17:35
S14 6	6	(("5596051") or ("6596296") or ("6130318")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/11/08 17:35
S14 7	114302	(hydrogel or hydro gel or gel) with (polyethyleneglycol diacrylate or poly ethyleneglycol diacrylate or poly ethylene glycol diacrylate or poly ethylene glycol diacrylate or polyethylene glycol diacrylate or polyethyleneglycol dimethacrylate or polyethyleneglycol dimethacrylate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/08 18:28
S14 8	61593	(hydrogel or hydro gel or gel) with (peg diacrylate or peg di acrylate or peg dimethacrylate or peg di methacrylate or peg di methacrylate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/08 18:28
S14 9	14041	(hydrogel or hydro gel or gel) with (peg or polyethylene glycol or poly ethylene glycol or poly ethyleneglycol) with (diacrylate or dimethacrylate or di acrylate or di methacrylate or di methacrylate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/08 18:28
S15 0	20633	(S147 S148 S149) same I	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/08 18:29

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S15 1	6263	(S147 S148 S149) same S70	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/08 18:29
S15 2	877	(S147 S148 S149) with S70	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/08 18:30
S15 3	5491	(N-isopropylacrylamide N adj isopropylacrylamide N adj isopropyl adj acrylamide NI PAA nipam nippam)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/11/08 18:31
S15 4	42	S151 same S153	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/08 18:31
S15 5	183	(hydrogel or hydro gel or gel) with (polyethyleneglycol diacrylate or poly ethyleneglycol diacrylate or poly ethylene glycol diacrylate or poly ethylene glycol di acrylate or polyethylene glycol di acrylate or polyethyleneglycol dimethacrylate or polyethyleneglycol dimethacrylate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2008/11/08 18:37
S15 6	123	(hydrogel or hydro gel or gel) with (peg diacrylate or peg di acrylate or peg dimethacrylate or peg di methacrylate or peg di methacrylate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2008/11/08 18:37
S15 7	685	(hydrogel or hydro gel or gel) with (peg or polyethylene glycol or poly ethylene glycol or poly ethyleneglycol) with (diacrylate or dimethacrylate or di acrylate or di methacrylate or di methacrylate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2008/11/08 18:37
S15 8	6263	(S147 or S148 or S149) same S70	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2008/11/08 18:37
S15 9	30	(S155 or S156 or S157) same S70	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2008/11/08 18:38

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EAST Search History

S16 0	152382	microcapsule microsphere microballon micro adj capsule micro adj sphere micro adj ballon core adj shell core adj shell adj particle nanocapsule nanospshere nano adj capsule nano adj sphere core-shell core-shell adj particle microencapsulat§4 micro adj encapsulat§4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/08 18:42
S16 1	5491	(N-isopropylacrylamide N adj isopropylacrylamide N adj isopropyl adj acrylamide NIPAA nipam nippam)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/11/08 18:42
S16 2	183	(hydrogel or hydro gel or gel) with (polyethyleneglycol diacrylate or poly ethyleneglycol diacrylate or poly ethylene glycol diacrylate or poly ethylene glycol diacrylate or polyethylene glycol diacrylate or polyethyleneglycol dimethacrylate or polyethyleneglycol dimethacrylate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2008/11/08 18:42
S16 3	123	(hydrogel or hydro gel or gel) with (peg diacrylate or peg di acrylate or peg dimethacrylate or peg di methacrylate or peg di methacrylate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2008/11/08 18:42
S16 4	685	(hydrogel or hydro gel or gel) with (peg or polyethylene glycol or poly ethylene glycol or poly ethyleneglycol) with (diacrylate or dimethacrylate or di acrylate or di methacrylate or di methacrylate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2008/11/08 18:42
S16 5	30	(S162 or S163 or S164) same S160	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2008/11/08 18:42
S16 6	4	S165 same S161	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/08 18:42
S16 7	24	S165 and S161	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/08 18:42
S16 8	2	(*4822535*).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/11/08 18:50

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S16 9	89	S160 and S161 and (S162 S163 S164)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/08 18:52
S17 0	65	S169 not S165	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/08 18:52
S17 1	2922	S160 same (hydrogel hydro adj gel gel) same emulsion	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/08 18:57
S17 2	2	S171 same S164	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/08 18:57
S17 3	38	S171 and S164	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/08 18:58
S17 4	19	S173 and S161	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/08 18:58
S17 5	31	S173 and dextran	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/08 19:00
S17 6	234226	(N-isopropylacrylamide N adj isopropylacrylamide N adj isopropyl adj acrylamide NI PAA nipam nippam \$4acrylamide)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/11/08 19:03
S17 7	25	S175 and S176	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/08 19:04

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S17 8	28	S165 and (size micron micro adj meter diameter radius)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/08 19:13
S17 9	21	S178 and emulsion and dextran	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/08 19:14
S18 0	1	S178 and ((aqueous aq) with emulsion) and dextran	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/08 19:16
S18	197	(S162 or S163 or S164) and S160	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2008/11/08 19:16
S18 2	190	S181 and (size micron micro adj meter diameter radius)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/08 19:17
S18 3	17	S182 and ((aqueous aq) with emulsion) and dextran	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/08 19:17
S18 4	2	(*5,055,517*).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/11/08 19:18
S18 5	14778	(Shell surface coat coating surface adj layer surface adj coating wall) same ((peg polyethylene adj glycol poly adj ethyelene adh glycol) with (diacrylate di adj acrylate dimethacrylate \$4acrylate))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/08 19:22
S18 6	34782	(Shell surface coat coating surface adj layer surface adj coating wall) same (\$6acrylamide)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/08 19:22

S18 7	70	"I1" and S185 and S186	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/08 19:22
S18 8	672	S160 and S185 and S186	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/08 19:22
S18 9	159	S188 and hydrogel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/08 19:22
S19 0	113	S189 and emulsion	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/08 19:23
S19 1	101	S190 and protein	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/08 19:23
S19 2	100	S191 and (size diameter radius radii micron micro adj meter nano nano adj meter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/08 19:23
S19 4	24	(hydrogel with S160) and S185 and S186 and (emulsion) and (size diameter radius radii micron micro adj meter nano nano adj meter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/08 19:27
S19 5	53	(peg adj da poly adj ethylene adh glycol adj di adj adrylate) same (hydrogel with S160)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/08 19:29
S19 6	1	(peg adj da poly adj ethylene adj glycol adj di adj acrylate) same (hydrogel with S160)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/08 19:29

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S19 7	10	(peg adj da poly adj ethylene adj glycol adj di adj acrylate (ethylene adj glycol with \$4acrylate)) same (hydrogel with \$160)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/08 19:29
S19 9	37	09/586937	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/08 19:31
\$20 4	10	((disperse\$2) with (poly adj ethylene adj glycol peg)) and ((continuous) with (dextran poly adj saccharide))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/08 20:36
520 5	304	((disperse\$2) near3 (poly adj ethylene adj glycol peg))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/08 20:38
S20 6	9	((disperse\$2 adj phase) near3 (poly adj ethylene adj glycol peg))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/08 20:38
\$20 7	1	10/538477	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/08 20:41
S20 8	2	(*4822535*).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/11/08 21:03
S20 9	39	("4822535").URPN.	USPAT	OR	ON	2008/11/08 22:00
S21 0	4	S164 with continuous	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/08 22:09
S21 1	30	(S164) same S160	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2008/11/08 22:10

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S21 2	11	S164 same emulsion	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2008/11/08 22:10
S21 3	15	("3155590" "3205175" "3634394" "3657144" "3897414" "4061466" "4123403" "4389330" "4486471" "4540602" "4606940").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/08 22:22
S21 4	11	S213 and (size diameter radius radii micron micro adj meter nano nano adj meter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/08 22:22
S21 5	1	(Eckman "4822535") with (size diameter radius radii miαron miαro adj meter nano nano adj meter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/08 22:26
S21 6	42	"4822535"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/08 22:28
\$21 7	5	S213 and ((size diameter radius radii micron micro adj meter nano nano adj meter) same (drop droplet))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/08 23:22
S21 8	1057	(emulsion) same (size diameter radius radii miα on miα o adj meter nano nano adj meter) same (drop droplet) same (slirring stir mix mixing intensity intensities) same (advantage benefit function use usage gain improve improvement enhance enhancement develop development assist assistance help)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/08 23:26
S21 9	7702	((428/402-402.24) or (427/213.3-213.36) or (264/4-4.7)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/11/08 23:27
S22 0	52	\$218 and \$219	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/08 23:27
S22 1	24	(emulsion) with (size diameter radius radii micron micro adj meter nano nano adj meter) with (drop droplet) with (stirring stir mix mixing intensity intensities) with (advantage benefit function use usage gain improve improvement enhance enhancement develop development assist assistance help)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/08 23:28

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S22 2	0	S221 and S219	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/08 23:28
S22 3	73	(emulsion) with (size diameter radius radii micron micro adj meter nano nano adj meter) with (drop droplet) with (stirring stir mix mixing intensity intensities) with (controlled control modify modification)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/08 23:29
\$22 4	9	S223 and S219	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/08 23:29
S22 5	14	(emulsion) with (diameter radius radii micron micro adj meter nano nano adj meter) with (drop droplet) with (stirring stir mix mixing intensity intensities) with (controlled control modify modification)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/08 23:30
S22 6	29	(emulsion) with (diameter radius radii micron micro adj meter nano nano adj meter) with (drop droplet) with (stirring stir mix mixing intensity intensities) with (controlled control\$4 modify modification after afteration aftering adjusting adjust)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/08 23:32
\$22 7	15	S226 not S225	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/08 23:33
S22 8	16	(emulsion) with (diameter radius radii micron um micrometer micro adj meter nano nm nanometer nano adj meter) with (drop droplet) with (stirring stir mix mixing intensity intensities) with (controlled control modify modification)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/08 23:37
S22 9	17	(emulsion) with (diameter radius radii micron um micrometer micro adj meter nano nm nanometer nano adj meter) with (drop droplet) with (stirring stir stired mixed blend blended blending mix mixing intensity intensities) with (controlled control modify modification)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/08 23:38
0 S23	931	emulsion same droplet same size same control	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/08 23:39

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S23 1	70	\$230 and \$219	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/08 23:40
S23 2	192	emulsion with droplet with size with control	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/08 23:40
3 S23	19	S232 and S219	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/08 23:40
\$23 4	327	S230 same (diameter radius radii micron um micrometer micro adj meter nano nm nanometer nano adj meter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/08 23:44
S23 5	149	S234 same (stirring stir stired mixed blend blended blending mix mixing intensity intensities)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/08 23:48
S23 6	6	S235 and S219	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/08 23:49
\$23 7	28	(emulsion emulsification emulsify) with (diameter radius radii micron um micrometer micro adj meter nano nm nanometer nano adj meter) with (drop droplet) with (stirring stir\$4 mix\$4 mixing intensity intensities) with (controlled control modify modification)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/08 23:51
S23 8	933	(emulsion emulsification emulsify) same (diameter radius radii micron um micrometer micro adj meter nano nm nanometer nano adj meter) same (drop droplet) same (stirring stir\$4 mix\$4 mixing intensity intensities) same (controlled control modify modification)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/08 23:57
S23 9	48	S238 and S219	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/08 23:58

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US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT S24 1334 (drug adj delivery) same hydrogel same (S160) OR ON 2008/11/09 00:03 US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT S24 2 S238 and S241 OR ON 2008/11/09 00:03 US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT OR 2008/11/09 00:06 S24 3 S238 and (hydrogel near3 S160) ON US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT S24 S238 and (hydrogel with S160) OR ON 2008/11/09 00:07 US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT S24 8 OR S247 not S246 ON 2008/11/09 00:07 US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT S24 9 10 S238 and (hydrogel same S160) OR OΝ 2008/11/09 00:08 US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT S25 0 (poly adj ethylene adj glycol adj diacrylate) same hydrogel same (microcapsule micro asj capsule microspehere micro adj sphere) OR ON 2008/11/09 00:27 US-PGPUB; OR \$25 (poly adj ethylene adj gly ∞ l adj diacrylate) same hydrogel same (S160) ON 2008/11/09 00:28 USPAT; USOCR; EPO; JPO; DERWENT US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT S25 2 S165 same (advantage benefit function use usage gain improve improvement enhance enhancement develop development OR ON 2008/11/09 00:29 assist assistance help)

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S25 3	197	(S162 or S163 or S164) and S160	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2008/11/09 00:29
S25 5	3	S213 and ((diameter radius radii micron micro adj meter nano nano adj meter) same (drop droplet))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/09 01:06
S25 6	5	S214 and emulsion	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/09 01:07
\$25 7	975	(emulsion) with (diameter radius radii micron um micrometer micro adj meter nano nm nanometer nano adj meter) with (drop droplet) same (drug biological bio\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/09 01:13
S25 8	48	(emulsion) with (diameter radius radii micron um micrometer micro adj meter nano nm nanometer nano adj meter) with (drop droplet) with (drug biological bio\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/09 01:16
S25 9	671	(emulsion) with (diameter radius radii micron um micrometer micro adj meter nano nm nanometer nano adj meter) with (drop droplet) with range	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/09 01:44
S26 0	38	S259 and S219	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/09 01:45
S26 1	924	(emulsion emulsification emulsify) same (diameter radius radii micron um micrometer micro adj meter nano nm nanometer nano adj meter) same (drop droplet) same (stirring stir\$4 mix\$4 mixing) same (controlled control modify modification)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/09 02:29
S26 2	4221	(emulsion emulsification emulsify) same (diameter radius radii micron um micrometer micro adj meter nano nm nanometer nano adj meter) same (drop droplet) same (stirring stir\$4 mix\$4 mixing) same (stirring stir stired mixed blend blended blending mix mixing intensity intensities)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/09 02:52

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S26 3	265	S262 and S219	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/09 02:52
\$26 4	259	\$263 not \$235	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/09 02:52

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